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(19) **United States**(12) **Patent Application Publication**
Kim(10) **Pub. No.: US 2005/0064913 A1**(43) **Pub. Date: Mar. 24, 2005**(54) **INCOMING CALL ALERTING METHOD
AND MOBILE COMMUNICATION
TERMINAL USING THE SAME**(52) **U.S. Cl. 455/567; 455/550.1**(76) **Inventor: Byung-Jin Kim, Seoul (KR)**(57) **ABSTRACT**Correspondence Address:
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Disclosed herein is a method for generating incoming call alerting signals depending on motion and a mobile communication terminal using the method. The mobile communication terminal includes a motion detection unit, a memory and a control unit. The motion detection unit outputs a value in proportion to motion of a mobile communication terminal. The memory stores a program that has an algorithm for adjusting a volume of a ring tone or an intensity of vibrations according to an output value of the motion detection unit, and data that is used to execute the program. The control unit performs a function of adjusting the volume of a ring tone or the intensity of vibrations in proportion to a degree of the motion of the mobile communication terminal represented by the output value of the motion detection unit.

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